Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S31 1	712	optimiz\$4 near10 network\$4 near10 node\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/19 16:33
S31 2	32422	370/351-430.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/19 16:34
S31 3	20	709/238-244.ccls. and 370/351-430. ccls. and "712"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/19 16:34
S31 4	1136	topolog\$4 near10 process\$4 and "370"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/19 16:34
S31 5	9	"709"/223-226.ccls. and annealing near10 optimiz\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/19 16:34
S31 6	6	server near10 affinit\$4 near10 allocat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/19 16:34
S31 7	863	709/238-244.ccls. and 370/351-430. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/19 16:34
S31 8	84	718/102-105.ccls. and 709/238-244. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/19 16:34
S31 9	12556	(co adj processor\$4 coprocessor\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/19 16:35
S32 0	0	routing with S319 with metric\$4 and @ad<"20011109"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/19 16:35

S32 1	2	"709"/\$.ccls. and optimiz\$8 near10 genetic\$4 near10 search\$4 same select\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/19 16:35
S32 2	0	"complete search" same simulat\$6 near5 anneal\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/19 16:35
S32 3	63	optimiz\$6 near10 user\$1 near10 (choos\$4 select\$4) and "716".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/19 16:35



Subscribe (Full Service) Register (Limited Service, Free) Login

Search: • The ACM Digital Library • The Guide

model\* <near/5> layer\* <paragraph> server\* <paragraph> (

SEARCH

## the acm digital library

Feedback Report a problem Satisfaction survey

and Published before January 2002

Terms used

Found 20 of 20

model near/5 layer paragraph server paragraph optimiz

Sort results	relevance				
by					

Save results to a Binder Open results in a new

Try an Advanced Search Try this search in The ACM Guide

Display results

expanded form

Results 1 - 20 of 20

Relevance scale

Use of simulation to test client-server models

Yogesh L. Deshpande, Roger Jenkins, Simon Taylor

November 1996 Proceedings of the 28th conference on Winter simulation

Publisher: ACM Press

Full text available: pdf(697.52 KB) Additional Information: full citation, references, citings

2 Scheduling optimization for resource-intensive Web requests on server clusters

Huican Zhu, Ben Smith, Tao Yang

June 1999 Proceedings of the eleventh annual ACM symposium on Parallel algorithms and architectures

Publisher: ACM Press

Full text available: pdf(1.19 MB)

Additional Information: full citation, references, citings, index terms

Performance of multi-level client-server systems with parallel service operations

Greg Franks, Murray Woodside

October 1998 Proceedings of the 1st international workshop on Software and performance WOSP '98

Publisher: ACM Press

Full text available: pdf(1.14 MB)

Additional Information: full citation, references, citings, index terms

Context-based prefetch - an optimization for implementing objects on relations Philip A. Bernstein, Shankar Pal, David Shutt

December 2000 The VLDB Journal — The International Journal on Very Large Data Bases, Volume 9 Issue 3

Publisher: Springer-Verlag New York, Inc.

Full text available: pdf(142.24 KB) Additional Information: full citation, abstract, index terms

When implementing persistent objects on a relational database, a major performance issue is prefetching data to minimize the number of round-trips to the database. This is especially hard with navigational applications, since future accesses are unpredictable. We propose the use of the context in which an object is loaded as a predictor of future accesses, where a context can be a stored collection of relationships, a query result, or a complex object. When an object O's state is loaded, similar ...

Keywords: Caching, Object-oriented database, Object-relational mapping, Prefetch

5	Performance modeling of layered network protocol software implemented with UNIX STREAMS facilities: application to a frame relay access device	
	Adrian E. Conway October 1998 Proceedings of the 1st international workshop on Software and performance WOSP '98 Publisher: ACM Press Full text available: pdf(720.47 KB) Additional Information: full citation, references, index terms	
6	The GéoSabrina design: the way to build a GIS above a spatial data server D. Chrétien, Y. Viémont, T. Larue, R. Legoff, D. Pastre April 1994 Proceedings of the 1994 ACM symposium on Applied computing Publisher: ACM Press Full text available: 常 pdf(753.75 KB) Additional Information: full citation, references, index terms	
	Keywords: geographical database system, spatial data, spatial language	
7 �	Realizing the performance potential of the virtual interface architecture  Evan Speight, Hazim Abdel-Shafi, John K. Bennett  May 1999 Proceedings of the 13th international conference on Supercomputing  Publisher: ACM Press  Full text available: pdf(1.52 MB) Additional Information: full citation, references, citings, index terms	
8	Modeling methodology: Distributed supply chain simulation in GRIDS Rajeev Sudra, Simon J. E. Taylor, Tharumasegaram Janahan December 2000 Proceedings of the 32nd conference on Winter simulation Publisher: Society for Computer Simulation International Full text available: pdf(206.55 KB) Additional Information: full citation, abstract, references, citings	
	Amongst the majority of work done in Supply Chain Simulation, papers have emerged that examine the area of model distribution. The executions of simulations on distributed hosts as a coupled model require both coordination and facilitating infrastructure. A distributed environment, the Generic Runtime Infrastructure for Distributed Simulation (GRIDS) is suggested to provide the bonding requirements for such a model. The advantages of transparently connecting the distributed components of a suppl	
9	A concurrent migration extension to an end-to-end host mobility architecture  Sameer Tilak, Nael B. Abu-Ghazaleh  July 2001 ACM SIGMOBILE Mobile Computing and Communications Review, Volume 5  Issue 3  Publisher: ACM Press  Full text available: pdf(533.46 KB) Additional Information: full citation, abstract, references, index terms	
	With the proliferation of mobile devices and the emergence of the internet as a global communication and business medium, there is significant interest in providing robust, high-performance, internet connectivity to protable devices. This requires seamless delivery of data between the peers even as they change location. The accepted solution for mobility is Mobile IP, an IETF standard supporting mobility in the network layer.	

	Matthias Kaiserswerth December 1993 IEEE/ACM Transactions on Networking (TON), Volume 1 Issue 6	
	Publisher: IEEE Press  Additional Information: full citation, references, citings, index terms,	
	Full text available: pdf(1.65 MB)  review	
	Towards a Web based simulation environment	
<b>A</b>	Peter Lorenz, Thomas J. Schriber, Heiko Dorwarth, Klaus-Christoph Ritter December 1997 <b>Proceedings of the 29th conference on Winter simulation Publisher:</b> ACM Press	
	Full text available: pdf(638.55 KB) Additional Information: full citation, references, citings, index terms	
<b>\$</b>	Distributed supply chain simulation in a DEVS/CORBA execution environment  Bernard P. Zeigler, Doohwan Kim, Stephen J. Buckley  December 1999 Proceedings of the 31st conference on Winter simulation: Simulation—a bridge to the future - Volume 2	
	Publisher: ACM Press  Full text available: pdf(99.53 KB) Additional Information: full citation, references, citings, index terms	
	PREDATOR: a resource for database research Praveen Seshadri March 1998 ACM SIGMOD Record, Volume 27 Issue 1	
	Publisher: ACM Press Full text available: 日内付(35.00 KB) Additional Information: full citation, abstract, citings, index terms	
	This paper describes PREDATOR, a freely available object-relational database system that has been developed at Cornell University. A major motivation in developing PREDATOR was to create a modern code base that could act as a research vehicle for the database community. Pursuing this goal, this paper briefly describes several features of the system that should make it attractive for database research and education.	
14	Cellular networks: past, present and future	
<b>③</b>	Lourens O. Walters, P. S. Kritzinger December 2000 Crossroads, Volume 7 Issue 2	
	Publisher: ACM Press Full text available: html(59.53 KB) Additional Information: full citation, index terms	
	Special issue on distributed computing: Quick-tests for characterizing distributed	
<b>②</b>	systems Rick Cormier, Ed Guy, David E Ruddock April 1999 ACM SIGAPP Applied Computing Review, Volume 7 Issue 1	
	Publisher: ACM Press         Full text available: pdf(396.61 KB)       Additional Information: full citation, abstract, references, index terms	
	This paper discusses some problems caused by inadequately characterizing distributed and system architectures. It presents a classification system for decomposing distributed systems and presents a few simple test cases. To allow system designers to characterize different aspects of their environments, we have started a collection of simple Quick-Tests.	
16	Exploiting style in architectural design environments  David Garlan, Robert Allen, John Ockerbloom	



December 1994 ACM SIGSOFT Software Engineering Notes, Proceedings of the 2nd ACM SIGSOFT symposium on Foundations of software engineering SIGSOFT '94, Volume 19 Issue 5

**Publisher: ACM Press** 

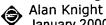
Full text available: pdf(1.42 MB)

Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index</u> terms

As the design of software architectures emerges as a discipline within software engineering, it will become increasingly important to support architectural description and analysis with tools and environments. In this paper we describe a system for developing architectural design environments that exploit architectural styles to guide software architects in producing specific systems. The primary contributions of this research are:

(a) a generic object model for representing architectural design ...

17 GLORP: generic lightweight object-relational persistence

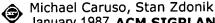


January 2000 Addendum to the 2000 proceedings of the conference on Objectoriented programming, systems, languages, and applications (Addendum)

Publisher: ACM Press

Full text available: pdf(465.42 KB) Additional Information: full citation, index terms

18 Workshop on OODB semantics



January 1987 ACM SIGPLAN Notices, Addendum to the proceedings on Objectoriented programming systems, languages and applications (Addendum) OOPSLA '87, Volume 23 Issue 5

Publisher: ACM Press

Full text available: pdf(485.01 KB) Additional Information: full citation, index terms

19 Query optimization at the crossroads



Surajit Chaudhuri

June 1997 ACM SIGMOD Record, Proceedings of the 1997 ACM SIGMOD international conference on Management of data SIGMOD '97, Volume 26 Issue 2

**Publisher: ACM Press** 

Full text available: pdf(175.62 KB) Additional Information: full citation, index terms

20 Expressing business rules



Ronald G. Ross

May 2000 ACM SIGMOD Record, Proceedings of the 2000 ACM SIGMOD international conference on Management of data SIGMOD '00, Volume 29 Issue 2

**Publisher: ACM Press** 

Full text available: pdf(24.26 KB)

Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index</u> <u>terms</u>

Point-and-Click Expression Builders, for instance limits and type consistency. Structured English, for more complex restrictions and logical inferences. Entity Life History or State Transition Diagrams, for both basic and more advanced state transition rules. Data Model or Class Model extensions, for basic property rules. No matter how the rules are captured, there should be a single, un ...

Results 1 - 20 of 20

Useful downloads: Adobe Acrobat Q QuickTime Windows Media Player



Subscribe (Full Service) Register (Limited Service, Free) Login

Search: • The ACM Digital Library C The Guide

model\* <near/5> layer\* <paragraph> server\* <paragraph> c



## THE ACM DIGITAL LIBRARY

Feedback Report a problem Satisfaction survey

and Published before January 2002 Terms used

model near/5 layer paragraph server paragraph optimiz

Found 20 of 20

Sort results by Display

results

relevance

expanded form

Save results to a Binder

Search Tips
Open results in a new

Try an <u>Advanced Search</u> Try this search in <u>The ACM Guide</u>

Results 1 - 20 of 20

Relevance scale

1 Use of simulation to test client-server models

Yogesh L. Deshpande, Roger Jenkins, Simon Taylor

window

November 1996 Proceedings of the 28th conference on Winter simulation

**Publisher: ACM Press** 

Full text available: pdf(697.52 KB) Additional Information: full citation, references, citings

Scheduling optimization for resource-intensive Web requests on server clusters

Huican Zhu, Ben Smith, Tao Yang

June 1999 Proceedings of the eleventh annual ACM symposium on Parallel algorithms and architectures

**Publisher:** ACM Press

Full text available: pdf(1.19 MB) Additional Information: full citation, references, citings, index terms

3 Performance of multi-level client-server systems with parallel service operations

Greg Franks, Murray Woodside

October 1998 Proceedings of the 1st international workshop on Software and performance WOSP '98

Publisher: ACM Press

4 Context-based prefetch – an optimization for implementing objects on relations Philip A. Bernstein, Shankar Pal, David Shutt

December 2000 The VLDB Journal — The International Journal on Very Large Data
Bases, Volume 9 Issue 3

Publisher: Springer-Verlag New York, Inc.

Full text available: 1 pdf(142.24 KB) Additional Information: full citation, abstract, index terms

When implementing persistent objects on a relational database, a major performance issue is prefetching data to minimize the number of round-trips to the database. This is especially hard with navigational applications, since future accesses are unpredictable. We propose the use of the context in which an object is loaded as a predictor of future accesses, where a context can be a stored collection of relationships, a query result, or a complex object. When an object O's state is loaded, similar ...

Keywords: Caching, Object-oriented database, Object-relational mapping, Prefetch

5 <b>③</b>	Performance modeling of layered network protocol software implemented with UNIX STREAMS facilities: application to a frame relay access device	
•	Adrian E. Conway October 1998 Proceedings of the 1st international workshop on Software and performance WOSP '98 Publisher: ACM Press Full text available: pdf(720.47 KB) Additional Information: full citation, references, index terms	
6 �	The GéoSabrina design: the way to build a GIS above a spatial data server D. Chrétien, Y. Viémont, T. Larue, R. Legoff, D. Pastre April 1994 Proceedings of the 1994 ACM symposium on Applied computing Publisher: ACM Press Full text available: pdf(753.75 KB) Additional Information: full citation, references, index terms	
	Keywords: geographical database system, spatial data, spatial language	
7 �	Realizing the performance potential of the virtual interface architecture  Evan Speight, Hazim Abdel-Shafi, John K. Bennett  May 1999 Proceedings of the 13th international conference on Supercomputing  Publisher: ACM Press  Full text available: pdf(1.52 MB) Additional Information: full citation, references, citings, index terms	
8	Modeling methodology: Distributed supply chain simulation in GRIDS Rajeev Sudra, Simon J. E. Taylor, Tharumasegaram Janahan December 2000 Proceedings of the 32nd conference on Winter simulation Publisher: Society for Computer Simulation International Full text available: pdf(206.55 KB) Additional Information: full citation, abstract, references, citings	
	Amongst the majority of work done in Supply Chain Simulation, papers have emerged that examine the area of model distribution. The executions of simulations on distributed hosts as a coupled model require both coordination and facilitating infrastructure. A distributed environment, the Generic Runtime Infrastructure for Distributed Simulation (GRIDS) is suggested to provide the bonding requirements for such a model. The advantages of transparently connecting the distributed components of a suppl	
9	A concurrent migration extension to an end-to-end host mobility architecture  Sameer Tilak, Nael B. Abu-Ghazaleh  July 2001 ACM SIGMOBILE Mobile Computing and Communications Review, Volume 5  Issue 3  Publisher: ACM Press  Full text available: pdf(533.46 KB) Additional Information: full citation, abstract, references, index terms	
	With the proliferation of mobile devices and the emergence of the internet as a global communication and business medium, there is significant interest in providing robust, high-performance, internet connectivity to protable devices. This requires seamless delivery of data between the peers even as they change location. The accepted solution for mobility is Mobile IP, an IETF standard supporting mobility in the network layer.  Recently, Snoren and Balakrishnan suggested an end-to-end implementati	

Results (pag	te 1): model* <near 5=""> layer* <paragraph> server* <paragraph> optimiz*</paragraph></paragraph></near>	Page 3 of 5
	Matthias Kaiserswerth  December 1993 IEEE/ACM Transactions on Networking (TON), Volume 1 Issue 6	
	Publisher: IEEE Press  Full toxt available: Page 165 MR)  Additional Information: full citation, references, citings, index terms,	
	Full text available: pdf(1.65 MB)  Additional mioritation, idea terms, review	
11	Towards a Web based simulation environment	
<b>②</b>	Peter Lorenz, Thomas J. Schriber, Heiko Dorwarth, Klaus-Christoph Ritter December 1997 Proceedings of the 29th conference on Winter simulation	
	Publisher: ACM Press Full text available:  pdf(638.55 KB) Additional Information: <u>full citation</u> , <u>references</u> , <u>citings</u> , <u>index terms</u>	
12	Distributed supply chain simulation in a DEVS/CORBA execution environment  Bernard P. Zeigler, Doohwan Kim, Stephen J. Buckley  December 1999 Proceedings of the 31st conference on Winter simulation: Simulationa bridge to the future - Volume 2	
	Publisher: ACM Press Full text available: pdf(99.53 KB) Additional Information: full citation, references, citings, index terms	
13	PREDATOR: a resource for database research	
•	Praveen Seshadri March 1998 ACM SIGMOD Record, Volume 27 Issue 1 Publisher: ACM Press	
	Full text available: pdf(35.00 KB)  Additional Information: full citation, abstract, citings, index terms	
	This paper describes PREDATOR, a freely available object-relational database system that has been developed at Cornell University. A major motivation in developing PREDATOR was to create a modern code base that could act as a research vehicle for the database community. Pursuing this goal, this paper briefly describes several features of the system that should make it attractive for database research and education.	
14	Cellular networks: past, present and future	
	Lourens O. Walters, P. S. Kritzinger December 2000 <b>Crossroads</b> , Volume 7 Issue 2	
	Publisher: ACM Press Full text available: html(59.53 KB) Additional Information: full citation, index terms	
	Special issue on distributed computing: Quick-tests for characterizing distributed	
•	systems Rick Cormier, Ed Guy, David E Ruddock April 1999 ACM SIGAPP Applied Computing Review, Volume 7 Issue 1	
	Publisher: ACM Press Full text available: pdf(396.61 KB) Additional Information: full citation, abstract, references, index terms	
	This paper discusses some problems caused by inadequately characterizing distributed and system architectures. It presents a classification system for decomposing distributed systems and presents a few simple test cases. To allow system designers to characterize different aspects of their environments, we have started a collection of simple Quick-Tests.	
16	Exploiting style in architectural design environments  David Garlan, Robert Allen, John Ockerbloom	
http://portal	acm_org/results.cfm?CFID=66196558&CFTOKEN=3967679&adv=1&COLL=ACM&gryent=	= 1/20/06



December 1994 ACM SIGSOFT Software Engineering Notes, Proceedings of the 2nd ACM SIGSOFT symposium on Foundations of software engineering SIGSOFT '94, Volume 19 Issue 5

**Publisher: ACM Press** 

Full text available: pdf(1.42 MB)

Additional Information: full citation, abstract, references, citings, index

As the design of software architectures emerges as a discipline within software engineering, it will become increasingly important to support architectural description and analysis with tools and environments. In this paper we describe a system for developing architectural design environments that exploit architectural styles to guide software architects in producing specific systems. The primary contributions of this research are: (a) a generic object model for representing architectural design ...

17 GLORP: generic lightweight object-relational persistence



Alan Knight

January 2000 Addendum to the 2000 proceedings of the conference on Objectoriented programming, systems, languages, and applications (Addendum)

Publisher: ACM Press

Full text available: 🔁 pdf(465.42 KB) Additional Information: full citation, index terms

18 Workshop on OODB semantics



Michael Caruso, Stan Zdonik

January 1987 ACM SIGPLAN Notices , Addendum to the proceedings on Objectoriented programming systems, languages and applications (Addendum) OOPSLA '87, Volume 23 Issue 5

Publisher: ACM Press

Full text available: pdf(485.01 KB) Additional Information: full citation, index terms

19 Query optimization at the crossroads



Surajit Chaudhuri

June 1997 ACM SIGMOD Record, Proceedings of the 1997 ACM SIGMOD international conference on Management of data SIGMOD '97, Volume 26 Issue 2

Publisher: ACM Press

Full text available: pdf(175.62 KB) Additional Information: full citation, index terms

20 Expressing business rules



Ronald G. Ross

May 2000 ACM SIGMOD Record, Proceedings of the 2000 ACM SIGMOD international conference on Management of data SIGMOD '00, Volume 29 Issue 2

Publisher: ACM Press

Full text available: pdf(24.26 KB)

Additional Information: full citation, abstract, references, citings, index terms

Point-and-Click Expression Builders, for instance limits and type consistency. Structured English, for more complex restrictions and logical inferences. Entity Life History or State Transition Diagrams, for both basic and more advanced state transition rules. Data Model or Class Model extensions, for basic property rules. No matter how the rules are captured, there should be a single, un ...

Results 1 - 20 of 20

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2006 ACM, Inc. Terms of Usage Privacy Policy Code of Ethics Contact Us

Useful downloads: Adobe Acrobat Q QuickTime Windows Media Player Real Player



Home | Login | Logout | Access Information | Alerts | Sitemap | Help

## Welcome United States Patent and Trademark Office

Search Results

**BROWSE** 

**SEARCH** 

**IEEE XPLORE GUIDE** 

**SUPPORT** 

Results for "(((model\* <near/5> layer\* <paragraph> server\* <paragraph> optimiz\* )<in>meta..." Your search matched 3 of 1302021 documents.

e-mail printer triendly

A maximum of 100 results are displayed, 25 to a page, sorted by Relevance in Descending order.

» Search Options

View Session History

New Search

» Key

**Modify Search** 

Г

(((model\* <near/5> layer\* <paragraph> server\* <paragraph> optimiz\* )<in>metadata)

Check to search only within this results set

IEEE Journal or IEEE JNL Magazine

**IEE JNL** IEE Journal or Magazine

IEEE Conference **IEEE CNF** 

Proceeding

**IEE CNF** IEE Conference

Proceeding

IEEE STD IEEE Standard

1. A two layered approach for securing an object store network

Azagury, A.; Canetti, R.; Factor, M.; Halevi, S.; Henis, E.; Naor, D.; Rinetzky, N.; Rodeh, O.;

Satran, J.;

Select Article Information

Security in Storage Workshop, 2002. Proceedings. First International IEEE

11 Dec. 2002 Page(s):10 - 23

AbstractPlus | Full Text: PDF(812 KB) | IEEE CNF

2. TRACY-a prototype of an architected middleware to support mobile agents

Braun, P.; Eismann, J.; Erfurth, C.; Rossak, W.;

Engineering of Computer Based Systems, 2001. ECBS 2001. Proceedings. Eighth Annual IEEE

International Conference and Workshop on the

17-20 April 2001 Page(s):255 - 260

Digital Object Identifier 10.1109/ECBS.2001.922430

AbstractPlus | Full Text: PDF(576 KB) IEEE CNF

3. Integrated transport layer security: end-to-end security model between WTLS and TLS 

Eun-Kyeong Kwon; Yong-Gu Cho; Ki-Joon Chae;

Information Networking, 2001. Proceedings. 15th International Conference on

31 Jan.-2 Feb. 2001 Page(s):65 - 71

Digital Object Identifier 10.1109/ICOIN.2001.905331

AbstractPlus | Full Text: PDF(440 KB) | IEEE CNF

indexed by **Finspec**  Help Contact Us Privacy & Security IEEE.org Copyright 2005 IEEE - All Rights Reserved